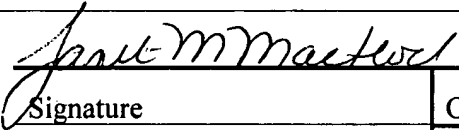


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|--|--|--|---|
| FORM PTO-1390<br>(REV. 07-2005)  |  | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE                  |   |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A<br/>SUBMISSION UNDER 35 U.S.C. 371</b>  |  | EXPRESS MAIL NUMBER<br><br><b>EV642786828US</b>                          | ATTORNEY'S DOCKET NUMBER<br><br><b>28610/US/2</b> |
| INTERNATIONAL APPLICATION NO.<br><br><b>PCT/US2004/012066</b>  |  | INTERNATIONAL FILING DATE<br><br><b>19 April 2004</b>                    |   |
| PRIORITY DATE CLAIMED<br><br><b>17 April 2003</b>  |  | U.S. APPLICATION NO. (If known, use 37 CFR 1.55)<br><br><b>86/553160</b> |   |
| TITLE OF INVENTION<br><br><b>METHODS AND COMPOSITIONS FOR INHIBITING STAT SIGNALING PATHWAYS</b>   |  |  |   |
| APPLICANT(S) FOR DO/EO/US<br><br><b>CURT HORVATH, JASON RODRIGUEZ, CHRISTINE ULANE, AND JEAN-PATRICK PARISIEN</b>  |  |  |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other   |  |  |   |
| 1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.   |  |  |   |
| 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.  |  |  |   |
| 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. |  |  |   |
| 4. <input checked="" type="checkbox"/> The US has been elected (Article 31).   |  |  |   |
| 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))  |  |  |   |
| a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).  |  |  |   |
| b. <input type="checkbox"/> has been transmitted by the International Bureau.  |  |  |   |
| c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).  |  |  |   |
| 6. <input type="checkbox"/> An English translation of the International Application as filed (35 U.S.C. 371(c)(2)).  |  |  |   |
| a. <input type="checkbox"/> is attached hereto.  |  |  |   |
| b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).   |  |  |   |
| 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  |  |  |   |
| a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).  |  |  |   |
| b. <input type="checkbox"/> had been communicated by the International Bureau.   |  |  |   |
| c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.  |  |  |   |
| d. <input checked="" type="checkbox"/> have not been made and will not be made.  |  |  |   |
| 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).  |  |  |   |
| 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).   |  |  |   |
| 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36   |  |  |   |
| <b>Items 11 to 20. below concern document(s) or information included:</b>  |  |  |   |
| 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.   |  |  |   |
| 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is   |  |  |   |
| 13. <input type="checkbox"/> A preliminary amendment.  |  |  |   |
| 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.  |  |  |   |
| 15. <input type="checkbox"/> A substitute specification.   |  |  |   |
| 16. <input type="checkbox"/> A power of attorney and/or change of address letter.  |  |  |   |
| 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825  |  |  |   |
| 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4)  |  |  |   |
| 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).   |  |  |   |
| 20. <input checked="" type="checkbox"/> Other items or information: Copy of International Publication WO2004/094605; PCT/IB/306;   |  |  |   |
| PCT/IB/308 (First and Second and Supplementary Notice); PCT/IB/311; PCT/IB/311 (republication); PCT/ISA/210;   |  |  |   |
| PCT/ISA/220; PCT/ISA/237   |  |  |   |

|  |              |   |            |   |  |
|--|--------------|---|------------|---|--|
| U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5)<br><div style="font-size: 1.5em; font-weight: bold; text-align: center;">10/553160</div>   |              | INTERNATIONAL APPLICATION NO.<br><div style="text-align: center;">PCT/US2004/012066</div> |            | ATTORNEY'S DOCKET NUMBER<br><div style="text-align: center;">28610/US/2</div> |  |
| 21. The following fees have been submitted:<br><input checked="" type="checkbox"/> a) Basic national fee (37 CFR 1.492(a))..... <span style="float: right;">\$300.00</span>  |              |   |            | CALCULATIONS<br><div style="border-top: 1px solid black;">\$ 300.00</div>     | PTO USE ONLY                                     |
| 22. <input checked="" type="checkbox"/> Examination fee (37 CFR 492(c))<br>If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)--4)..... <span style="float: right;">\$0.00</span><br>All other situations..... <span style="float: right;">\$200.00</span>  |              |   |            | <div style="border-top: 1px solid black;"></div>                              | <div style="border-top: 1px solid black;"></div> |
| 23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))<br>If the written opinion of the ISA/US or US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)--4) <span style="float: right;">\$0.00</span><br>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... <span style="float: right;">\$100.00</span><br>International Search Report prepared and provided to the Office ..... <span style="float: right;">\$400.00</span><br>All other situations ..... <span style="float: right;">\$500.00</span> |              |   |            | <div style="border-top: 1px solid black;"></div>                              | <div style="border-top: 1px solid black;"></div> |
| <b>TOTAL OF 21, 22 and 23 =</b>  |              |   |            | <div style="border-top: 1px solid black;">\$ 600.00</div>                     | <div style="border-top: 1px solid black;"></div> |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |              |   |            | <div style="border-top: 1px solid black;"></div>                              | <div style="border-top: 1px solid black;"></div> |
| Total Sheets   | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number)             | RATE       |   |  |
| - 100  | /50 =        |   | x \$250.00 |   |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).   |              |   |            | <div style="border-top: 1px solid black;">\$</div>                            | <div style="border-top: 1px solid black;"></div> |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA  | RATE       |   |  |
| Total claims   | 47 -20 =     | 27  | x \$50.00  | \$1350.00   |  |
| Independent claims   | 4 -3 =       | 1   | x \$200.00 | \$200.00  |  |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |              |   | + \$360.00 | \$  |  |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |   |            | <div style="border-top: 1px solid black;">\$2150.00</div>                     | <div style="border-top: 1px solid black;"></div> |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  |              |   |            | <div style="border-top: 1px solid black;">\$1075.00</div>                     | <div style="border-top: 1px solid black;"></div> |
| <b>SUBTOTAL =</b>  |              |   |            | <div style="border-top: 1px solid black;">\$1075.00</div>                     | <div style="border-top: 1px solid black;"></div> |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  |              |   |            | <div style="border-top: 1px solid black;">\$</div>                            | <div style="border-top: 1px solid black;"></div> |
| <b>TOTAL NATIONAL FEE =</b>  |              |   |            | <div style="border-top: 1px solid black;">\$1075.00</div>                     | <div style="border-top: 1px solid black;"></div> |
| Fee for recording the enclose assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  |              |   |            | <div style="border-top: 1px solid black;">\$</div>                            | <div style="border-top: 1px solid black;"></div> |
| <b>TOTAL FEES ENCLOSED =</b>   |              |   |            | <div style="border-top: 1px solid black;">\$1075.00</div>                     | <div style="border-top: 1px solid black;"></div> |
|  |              |   |            | Amount to be refunded:  | \$   |
|  |              |   |            | charged:  | \$   |

|  |  |                               |   |                          |  |
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| U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5)  |  | INTERNATIONAL APPLICATION NO. |   | ATTORNEY'S DOCKET NUMBER |  |
| 10/553160  |  | PCT/US2004/012066             |   | 28610/US/2               |  |
| <p>a. <input checked="" type="checkbox"/> A check in the amount of \$1075.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 50-2054 in the amount of \$ to cover the above fees.<br/>A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2054 A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p> <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p> |  |                               |   |                          |  |
| SEND ALL CORRESPONDENCE TO:  |  |                               |   |                          |  |
| CUSTOMER NUMBER 30873  |  |                               |   |                          |  |
| <b>Janet M. MacLeod</b><br>Dorsey & Whitney LLP<br>Intellectual Property Department<br>250 Park Avenue<br>New York, New York 10177   |  |                               | <br>Signature<br><b>Janet M. MacLeod</b><br>Name<br>35,263<br>Registration Number |                          |  |
|  |  |                               | October 14, 2005<br>Date  |                          |  |